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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of)
Jalali, et al.) For: METHOD AND APPARATUS
Serial No.: 09/887,225) FOR TRANSMITTING DATA IN A
Filed: 06/22/2001) TIME DIVISION DUPLEXED (TDD)
) COMMUNICATION SYSTEM
)
) Group Art Unit: 2661

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(c)

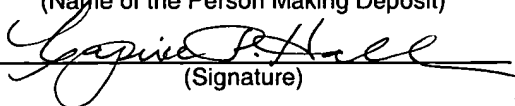
Asst. Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

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Applicants submit the enclosed information in accordance with a duty to disclose information under 37 CFR § 1.56.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, on:

December 23, 2002
(Date of Deposit)
Caprice P. Hall
(Name of the Person Making Deposit)

(Signature)
December 23, 2002
(Date of Signature)

In accordance with 37 CFR § 1.98 submitted herewith for consideration by the Examiner are the patents, publications and other information shown on the attached PTO-1449.

The citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application unless specifically designated as such.

The filing of this document shall not be construed to mean that any search has been made or, that if made, such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

A list of the references cited herein is set forth on Form PTO-1449 which is enclosed herewith in duplicate along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

☒ The undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Dated: December 23, 2002

Respectfully submitted,

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) DATE MAILED: December 23, 2002 | ATTY. DOCKET NO. | SERIAL NO. |
| | 000141 | 09/887,225 |
| | APPLICANT Jalali, et al. | |
| | FILING DATE | GROUP |
| | 06/22/2001 | 2661 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPRO- PRIATE |
|----------------------|----|-----------------|------------|--------------------|-------|--------------|------------------------------------|
| | A1 | 6 1 4 4 7 1 1 | 11/07/2000 | Raleigh, et al. | 375 | 347 | 08/27/1997 |
| | A2 | 6 1 3 1 0 1 6 | 10/10/2000 | Greenstein, et al. | 455 | 69 | 08/27/1997 |
| | A3 | 5 7 8 4 3 6 3 | 07/21/198 | Engström, et al. | 370 | 332 | 04/13/1995 |
| | A4 | | | | | | |
| | A5 | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | Ref. No | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS |
|---------------------|------------|-----------------|------------|---------|------------------------------|-------|--------------|
| | B1 | 0 1 0 8 3 6 9 | 02/01/2001 | PCT | UNIVERSITY OF SOUTHAMPTON | | |
| | B2 | | | | | | |
| | B3 | | | | | | |

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

| | |
|---|---|
| C1 | Keller, et al. "SUB-BAND ADAPTIVE PRE-EQUALISED OFDM TRANSMISSION" 1999 IEEE VEHICULAR TECHNOLOGY CONFERENCE VOL. 1 (50): 334-338 (September 09, 1999) |
| C2 | Rohling et, al. "Adaptive Coding and Modulation in an OFDM-TDMA Communication System" 1998 IEEE VEHICULAR TECHNOLOGY CONFERENCE 773-776 (May 18, 1998) |
| C3 | Münster, et al. "Co-Channel Interference Suppression Assisted Adaptive OFDM in Interference Limited Environments" 1999 IEEE VEHICULAR TECHNOLOGY CONFERENCE VOL. 1 (50): 284-288 (September 09, 1999) |
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |